



**DECLARATION AND POWER  
OF ATTORNEY FOR UTILITY  
OR DESIGN**

**PATENT APPLICATION**

☐ Declaration      ☒ Declaration  
Submitted with      Submitted after Initial  
Initial Filing      Filing (surcharge  
37 CFR 1.16(e) required)

Attorney Docket No. THI-003

First Named Inventor Hafeman

**COMPLETE IF KNOWN**

Application Serial Number 10/759,374

Filing Date January 16, 2004

Group Art Unit Not yet assigned

Examiner Name Not yet assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHODS AND DEVICES FOR MONITORING CELLULAR METABOLISM IN MICROFLUIDIC CELL-RETAINING CHAMBERS

(Title of the Invention)

the specification of which

☐ is attached hereto  
OR

☒ was filed on January 16, 2004 as United States Application Serial Number or PCT International (MM/DD/YYYY)

Application Number 10/759,374 and was amended on (MM/DD/YYYY) (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

| Prior Foreign Application<br>Number(s) | Country | Foreign Filing Date<br>(MM/DD/YYYY) | Priority<br>Not Claimed  | Certified Copy Attached?   |  |
|--|---------|-------------------------------------|--|--|--|
|  |         |                                     |  | YES  | NO   |
|  |         |                                     | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> | <input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/><br><input type="checkbox"/> |

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

| Application Serial Number(s) | Filing Date (MM/DD/YYYY) | <input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto. |
|------------------------------|--------------------------|--|
| 60/440,571                   | 01/16/2003               |  |

## Declaration and Power of Attorney for Utility or Design Patent Application

Serial No. 10/759,374

Atty. Docket No.: THI-003

Page 2 of 3

**DECLARATION – Utility or Design Patent Application**

Hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

| U.S. Parent Application or PCT Parent<br>Serial Number | Parent Filing Date<br>(MM/DD/YYYY) | Parent Patent Number<br>(if applicable) |
|--|------------------------------------|---|
|  |                                    |   |

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number  → Place Customer  
Number Bar Code  
Label Here

OR

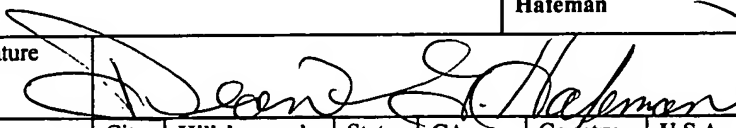
☒ Registered practitioner(s) name/registration number listed below

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

|  |      |  |       |                        |         |               |             |
|--|------|--|-------|------------------------|---------|---------------|-------------|
| Name of Sole or First Inventor:  |      | <input type="checkbox"/> A petition has been filed for this unsigned inventor      |       |                        |         |               |             |
| Given Name (first and middle [if any])   |      |  |       | Family Name or Surname |         |               |             |
| Dean G.  |      |  |       | Hafeman                |         |               |             |
| Inventor's Signature   |      |  |       |                        |         | Date          |             |
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| <input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto. |      |  |       |                        |         |               |             |
| Name of Additional Joint Inventor, if any:   |      | <input type="checkbox"/> A petition has been filed for this unsigned inventor      |       |                        |         |               |             |
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| Name of Additional Joint Inventor, if any:   |      | <input type="checkbox"/> A petition has been filed for this unsigned inventor      |       |                        |         |               |             |
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